

AMENDMENTS TO THE CLAIMS

1-10. (cancelled)

11. (currently amended) An ink composition comprising:

a vehicle,

a first surfactant,

a pigment colorant, and

amphipathic polymer particles prepared by:

- i) admixing an aqueous carrier, an unsaturated monomer containing a hydrophobic moiety, an unsaturated monomer containing a convertible moiety in hydrophobic form, and a second surfactant to form an emulsion;
- ii) initiating a polymerization by adding a catalyst to the emulsion; and
- iii) continuing polymerization at a temperature and for a period of time sufficient to form amphipathic polymer particles, wherein the amphipathic polymer particles have a size range of 50-500 nm,

wherein said vehicle is water or a mixture of water and one or more humectants.

12. (currently amended) An ink composition comprising:

a vehicle,

a first surfactant, and

amphipathic polymer particles prepared by;

- i) admixing an aqueous carrier, an unsaturated monomer containing a hydrophobic moiety, an unsaturated monomer containing a convertible moiety, a polymerizable dye monomer, and a second surfactant to form an emulsion;
- ii) initiating a polymerization by adding a catalyst to the emulsion; and

iii) continuing polymerization at a temperature and for a period of time sufficient to form amphipathic polymer particles, wherein the amphipathic polymer particles have a size range of 50-500 nm, wherein said first surfactant and said second surfactant are different, and said vehicle is water or a mixture of water and one or more humectants.

13-23. (cancelled)

24. (previously presented) The ink composition of claim 11, wherein the convertible moiety of the amphipathic polymer particles are in hydrophilic form in the ink composition.

25. (previously presented) The ink composition of claim 12, wherein the convertible moiety is in hydrophobic form.

26. (previously presented) The ink composition of claim 25, wherein the convertible moiety of the amphipathic polymer particles are in hydrophilic form in the ink composition.